NEWS 28 MAR 29 No connect hour charges in WPIFV until May 1, 2004
NEWS 29 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA

NEWS EXPRESS   MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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      * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:04:20 ON 05 APR 2004

=> d his

      (FILE 'HOME' ENTERED AT 18:04:20 ON 05 APR 2004)

=> index bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
      BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
      CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU,
      DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 18:05:06 ON 05 APR 2004

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s patched and gene and transcription
          5   FILE AGRICOLA
          1   FILE AQUASCI
        101   FILE BIOSIS
         10   FILE BIOTECHABS
         10   FILE BIOTECHDS
         89   FILE BIOTECHNO
          7   FILE CABA
         94   FILE CANCERLIT
        190   FILE CAPLUS
          1   FILE CEABA-VTB
         12   FILE DISSABS
          2   FILE DDFU
   24 FILES SEARCHED...
        175   FILE DGENE
          2   FILE DRUGU
   29 FILES SEARCHED...
          1   FILE EMBAL
        118   FILE EMBASE
         71   FILE ESBIOBASE

```
                 15     FILE FEDRIP
                  8     FILE GENBANK
                 13     FILE IFIPAT
                  2     FILE JICST-EPLUS
                 57     FILE LIFESCI
                201     FILE MEDLINE
                 28     FILE PASCAL
        52 FILES SEARCHED...
                  2     FILE PHIN
                  4     FILE PROMT
                152     FILE SCISEARCH
                 47     FILE TOXCENTER
                531     FILE USPATFULL
                 22     FILE USPAT2
                 10     FILE WPIDS
                 10     FILE WPINDEX


     32 FILES HAVE ONE OR MORE ANSWERS,   68 FILES SEARCHED IN STNINDEX

  L1   QUE PATCHED AND GENE AND TRANSCRIPTION

  => d rank
  F1       531     USPATFULL
  F2       201     MEDLINE
  F3       190     CAPLUS
  F4       175     DGENE
  F5       152     SCISEARCH
  F6       118     EMBASE
  F7       101     BIOSIS
  F8        94     CANCERLIT
  F9        89     BIOTECHNO
  F10       71     ESBIOBASE
  F11       57     LIFESCI
  F12       47     TOXCENTER
  F13       28     PASCAL
  F14       22     USPAT2
  F15       15     FEDRIP
  F16       13     IFIPAT
  F17       12     DISSABS
  F18       10     BIOTECHABS
  F19       10     BIOTECHDS
  F20       10     WPIDS
  F21       10     WPINDEX
  F22        8     GENBANK
  F23        7     CABA
  F24        5     AGRICOLA
  F25        4     PROMT
  F26        2     DDFU
  F27        2     DRUGU
  F28        2     JICST-EPLUS
  F29        2     PHIN
  F30        1     AQUASCI
  F31        1     CEABA-VTB
  F32        1     EMBAL


  => file medline scisearch embase biosis
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.42	3.63

```
FILE 'MEDLINE' ENTERED AT 18:08:38 ON 05 APR 2004

FILE 'SCISEARCH' ENTERED AT 18:08:38 ON 05 APR 2004
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```
=> s patched and gene? and transcription
L2          604 PATCHED AND GENE? AND TRANSCRIPTION

=> s l2 and py<=1997
   2 FILES SEARCHED...
L3          175 L2 AND PY<=1997

=> s l2 and py<=1996
   2 FILES SEARCHED...
L4          107 L2 AND PY<=1996

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5           51 DUP REM L4 (56 DUPLICATES REMOVED)

=> d l5 41-51 ti abs ind so
```

L5   ANSWER 41 OF 51   MEDLINE on STN   DUPLICATE 19
TI   Regulation of wingless **transcription** in the Drosophila embryo.
AB   The segment polarity **gene** wingless (wg) is expressed in a
      complex pattern during embryogenesis suggesting that it plays multiple
      roles in the development of the embryo. The best characterized of these
      is its role in cell pattening in each parasegment, a process that requires
      the activity of other segment polarity **genes** including
      patched (ptc) and hedgehog (hh). Here we present further evidence
      that ptc and hh encode components of a signal transduction pathway that
      regulate the expression of wg **transcription** following its
      activation by pair-rule **genes**. We also show that most other
      aspects of wg expression are independent of this regulatory network.
CT   Check Tags: Support, Non-U.S. Gov't
       Animals
        *Drosophila: GE, genetics
      *Drosophila Proteins
        *Gene Expression Regulation: GE, genetics
        *Genes, Structural, Insect: GE, genetics
       In Situ Hybridization
        *Proto-Oncogene Proteins: GE, genetics
        *Signal Transduction: GE, genetics
        *Transcription, Genetic: GE, genetics
RN   117758-26-6 (wingless protein, Drosophila)
CN   0 (Drosophila Proteins); 0 (Proto-Oncogene Proteins)
GEN   hh; ptc; wg
SO   Development (Cambridge, England), **(1993 Jan)** 117 (1) 283-91.
      Journal code: 8701744. ISSN: 0950-1991.

L5   ANSWER 42 OF 51   MEDLINE on STN   DUPLICATE 20
TI   **Genetic** analysis of hedgehog signalling in the Drosophila
      embryo.
AB   The segment polarity **genes** play a fundamental role in the
      patterning of cells within individual body segments of the Drosophila
      embryo. Two of these **genes** wingless (wg) and hedgehog (hh)
      encode proteins that enter the secretory pathway and both are thought to
      act by instructing the fates of cells neighbouring those in which they are
      expressed. **Genetic** analysis has identified the transcriptional
      activation of wg as one of the targets of hh activity: here we present
      evidence that transduction of the hh-encoded signal is mediated by the
      activity of four other segment polarity **genes, patched**
      , fused, costal-2 and cubitus interruptus The results of our

L7: (0) (patched adj gene) and assay and @py=
L8: (114558) patched and assay @py=1995
L9: (114030) (patched adj gene) and assay @p
L10: (0) (patched adj gene) and assay and @py
L11: (0) (patched adj gene) and assay and @pc
L12: (73) (patched adj gene) and assay and tra
L13: (15) ((ingham adj philip) or (tabin adj cliffo
L14: (18) ((ingham adj philip) or (tabin adj cliffo

Failed
(0) patched and assay @ py=1995

Search Int Browse Queue Clear
DBs USPAT;US-PGPUB;EPO;JPO;DERWENT;IBM_TDB
Default operator: OR

Plurals
Highlight all hit terms initially

((ingham adj philip) or (tabin adj clifford) or (valeria adj marigo) or (andrew adj mcmahon)) and hedgehog

BRS I&AR Image Text HTML

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
4	☑	☐	US 6664075 B2	20031216		Nucleic acids encoding hedgehog proteins	435/69.1	435/252.3; 435/254.11; 435/320.1;
5	☑	☐	US 6630148 B1	20031007		Compositions comprising hedgehog proteins	424/185.1	424/422; 435/69.1; 514/12
6	☑	☐	US 6610656 B1	20030826		Method of promoting chondrocyte differentiation with hedgehog related polypeptides	514/12	435/69.1; 514/2; 530/300
7	☑	☐	US 6607913 B1	20030819		Vertebrate embryonic pattern-inducing proteins and uses related thereto	435/325	435/252.3; 435/254.11; 435/320.1
8	☑	☐	US 6576237 B1	20030610		Vertebrate tissue pattern-inducing proteins, and uses related thereto	424/158.1	530/350; 530/388.1; 530/389.1
9	☑	☐	US 6384192 B1	20020507		Vertebrate embryonic pattern-inducing proteins	530/350	435/7.1; 530/300; 530/395
10	☑	☐	US 6271363 B1	20010807		Nucleic acids encoding hedgehog proteins	536/23.5	435/69.1; 530/300; 530/350
11	☑	☐	US 6268176 B1	20010731		TRC8, a gene related to the hedgehog receptor, patched	435/69.1	435/6; 435/91.1; 530/300
12	☑	☐	US 6261786 B1	20010717	128	Screening assays for hedgehog agonists and antagonists	435/7.1	435/252.3; 435/254.2; 435/320.1
13	☑	☐	US 6165747 A	20001226	120	Nucleic acids encoding hedgehog proteins	435/69.1	435/252.3; 435/254.11; 435/320.1
14	☑	☐	US 5844079 A	19981201		Vertebrate embryonic pattern-inducing proteins, and uses related thereto	530/350	435/252.3; 435/320.1; 435/69.1

Hits Details HTML

Start ... 5:02 PM

EAST search #2
put date: 4/5/2004

L8: (114558) patched and assay ⊕py=1995
L9: (114030) (patched adj gene) and assay ⊕p
L10: (0) (patched adj gene) and assay and ⊕py
L11: (0) (patched adj gene) and assay and ⊕pc
L12: (73) (patched adj gene) and assay and tra
Failed
(0) patched and assay ⊕ py=1995
Saved
(1) ("6261786").PN.
(1) ("6165747").PN.

Search | List | Browse | Queue | Clear
DBs | USPAT US-PGPUB
Default operator: OR

Plurals
Highlight all hit terms initially

(patched adj gene) and assay and transcription

BRS l... | IS&R... | Image | Text | HTML

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
3	☑	☐	US 6218144 B1	20010417	22	Costal2 genes and their uses	435/69.1	435/320.1; 435/325; 435/455
4	☑	☐	US 6172200 B1	20010109		Patched antibodies	530/388.22	530/388.1
5	☑	☐	US 6165747 A	20001226	120	Nucleic acids encoding hedgehog proteins	435/69.1	435/252.3; 435/254.11; 435/320.1
6	☑	☐	US 6136958 A	20001024		Antibodies to vertebrate smoothened proteins	530/388.22	530/350; 530/387.1; 530/387.9
7	☑	☐	US 6027882 A	20000222	44	Patched genes and their use for diagnostics	435/6	435/325; 435/91.2; 536/23.5
8	☑	☐	US 6022708 A	20000208		Fused	435/69.1	435/252.3; 435/252.33; 435/254.2
9	☑	☐	US 5990281 A	19991123		Vertebrate smoothened proteins	530/350	435/69.1; 435/69.7; 530/300
0	☑	☐	US 5844079 A	19981201		Vertebrate embryonic pattern-inducing proteins, and uses related thereto	530/350	435/252.3; 435/320.1; 435/69.1
1	☑	☐	US 5837538 A	19981117		Patched genes and their use	435/325	424/93.21; 435/320.1; 435/69.1
2	☑	☐	US 5789543 A	19980804		Vertebrate embryonic pattern-inducing proteins and uses related thereto	530/350	424/185.1; 435/69.1; 530/300
3	☑	☐	US 5759811 A	19980602		Mutant human hedgehog gene	435/69.1	435/320.1; 530/350; 536/23.1

Start ... e ... 09 09 09 09 09 09 E... In... 4:58 PM

EAST Seach #1

put date: 4/5/2004